

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052585

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F41H5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F41H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 472 769 A (SMITH JR HUGH R ET AL) 5 December 1995 (1995-12-05) column 1, lines 14-62 column 3, line 44 - column 4, line 55 claim 1 figures 5,9	1-6
X	EP 0 769 671 A (MEGGITT UK LTD) 23 April 1997 (1997-04-23) column 2, line 44 - column 4, line 36 figures 1-3	1-3,5,6
A	US 2002/073473 A1 (BACHNER JR THOMAS E ET AL) 20 June 2002 (2002-06-20)	
A	US 5 903 920 A (GRANQVIST KAJ) 18 May 1999 (1999-05-18)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

01/02/2005

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5472769	A	05-12-1995	NONE	
EP 0769671	A	23-04-1997	EP 0769671 A2	23-04-1997
US 2002073473	A1	20-06-2002	CA 2417272 A1	25-07-2002
			EP 1311798 A2	21-05-2003
			WO 02057702 A2	25-07-2002
US 5903920	A	18-05-1999	SE 504778 C2	21-04-1997
			AU 719214 B2	04-05-2000
			AU 3235497 A	28-07-1997
			DE 69623809 D1	24-10-2002
			EP 0868643 A1	07-10-1998
			NO 983023 A	29-06-1998
			SE 9504706 A	21-04-1997
			WO 9724574 A1	10-07-1997
			US 6063716 A	16-05-2000